SPANU, N.

Progress in the utilization of chemical fertilizers. p. 258

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 5, May 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, Sept. 1959.
Uncl.

STANCU, Marin [Stancu, Marin), inzh.-agronom

Agricultural achievements of the Rumanian People's Republic in 15 years. Zemledelie 8 no.1:93-96 Ja 60. (MIRA 13:4)

1. Zamestitel' ministra sel'skogo i lesnogo khozyaystva Rumynskoy Narodnoy Respubliki.
(Rumania--Agriculture)

STANKU, Nikolaye [Stancu, N.], inzh.

Woodpulp and paper industry of the Rumanian People's Republic. Bum. prom. 36 no.12:25-26 D '61. (MIRA 15:1)
(Rumania—Paper industry)

BURLACU, G.; [Burlacu, G]; MATEY-VLADESKU, K. [Matei-Vladescu, C.]
APOSTOL, G.; STANCU, S. [Stancu, S.].

Effect of insulin on the energetic exchange and specific dynamic action of food at the birds. Rev biol 8 no.2:213-228 '63.

1. Institut biologii im. Tr. Sevulesku [Traian Savulescu] Akademii RNR, Laboratoriya Fiziologii zhivotnykh.

STANCU, T.; POPESCU, E.

Combating erosion in vineyards by agrotechnical measures in the Dragasani Experimental Viticultural Station in the region of Pitesti. p. 1503. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5, no. 10, Oct. 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, no. 9, Sept. 1955

PARAIU, V.
SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -Architect-

Affiliation: -not given-

Source: Bucharest, Stiinta si Tehnica, No 7, Jul 1961, pp 10-11.

Data: "The City on the Foothills of the Timpa."

R/002/61/000/003/003/004
D216/D301

26.2350

AUTHOR: Stancu, Vasile, Engineer

TITLE: At one-millionth of a mm Hg

PERIODICAL: Ştiinţa şi tehnica, no. 3, 1961, 20-21

TEXT: The author briefly reviews various types of vacuum gages. Values between 760 and 0.1 mm Hg are measured with various types of mercury gages. Values between 0.1 and 0.001 mm Hg are measured with thermoelectric vacuum gages. Pressures between 10^{-3} are 10^{-7} mm Hg can be measured by the ionization gage. New ionization gages have been developed for measuring pressures between 10^{-8} and 10^{-11} mm Hg and the pumping effect of the ionization gage has been ascertained. On the basis of investigations, new vacuum producing methods have been developed without using a working agent. One of these methods, that of "ionic pumping", is based on the ionization of gas molecules and atoms in the respective space and the direction of these ions by the electric field toward a preliminary vacuum pump. This pump produces a vacuum of 10^{-6} mm Hg and has an evacuation

Card 1/3

At one-millionth of a mm Hg

R/002/61/000/003/003/004
D216/D301

well as the proper volume of the pump. With such equipment, Soviet specialists produced a vacuum of 10^{-8} - 10^{-9} mm Hg with an evacuation speed of 50,000 lit/sec. There are 8 figures.

ASSOCIATION: Institutul de fizica atomica (Institute of Atomic Physics)

Card 3/3

STANCU, V., ing.

Important reserve by increasing the fodder base. Munca sindic 7 no.7:25-27 Jl '63.

STERESCU, N.; TANKO, P.; STANCU-MIHAILESCU, Alexandru; [illegible], Sanda

The action of reticulin on radiophosphorus (P 32) uptake in various organs and endocrine glands in intact animals and animals with subtotal hepatectomy. Stud. cercet. fiziol. 10 no.1:43-47 '65.

[illegible]

[illegible] of air transportation.

[illegible] (Bucharest) Vol. [illegible], no. 12, Dec. 1957

[illegible] Index of Best Translations (BIBT) [illegible] Vol. 7, No. [illegible], 1958

SIMIONESCU, A.

Early removal of forms from reinforced-concrete monolithic constructions. p. 639.

Vol. 7, no. 214, June 1955
CONSTRUCT. ROM
Bucuresti, Rumania

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

STANCULESCU, G.; IONESCU, M.; TESLARU, S.

Influence of the aggregate nature on the creep under compression and on the contraction of granulite light concretes. Studii cerc mec apl 15 no.1:189-215 '64.

1. Institute of Building Research and Construction Building Economics, Bucharest (for Teslaru).

BRAMMINSCH, I.

Solution of the problem of the Mesteacan landslide on the Dej-Hideaga national highway.

P. 14 (Revista Transporturilor. Vol. 3, no. 1, Jan. 1956, Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

STANCULESCU, I.

"Vibration, analysis, and design of foundations for machines and turbines" by A.Major. Reviewed by I. Stanculescu. Rev constr si mat constr 15 no.8:439-440 Ag'63.

STANCULESCU, L; SCHALLY, V.

Consilidation of a building in the Casarica-Sinaia Valley area. p.222

REVISTA CONSTRUCTILOR SI A METERIALELOR DE CONSTRUCTII. (Asociatia Stiintifica a Inginerilor si Technicinilor din Rominai si Ministerul Constructiilor si al Materialelor de Constructii) Bucuresti, Rumania. Vol. 11, no. 5, May 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

STANCULESCU, M., ing.

Hydroelectric improvement of the Valtellina (Italy). Meteorologia hidrol gosp 6 no.4:334-339 '61.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Contribution to the establishment of a general method for determining the economic efficiency of investments for water use. Meteorologia hidrol gosp 7 no.2:90-101 '62.

STANCULESCU, M., ing.

The Upper Colorado River improvement. Meteorologia hidrol gosp 7 no.2:156-159 '62.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Contributions to the establishment of a general method to determine the economic efficiency of investments. II. Meteorologia hidrol gosp 7 no.3:163-170 '62.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Contribution to the determination of a general method for determining the economic efficiency of investments for water use. Pt.3. Meteorologia hidrol gosp 7 no.4:243-249 '62.

STANCULESCU, M., ing.; FILOTTI, A., ing.

Considerations on the repartition use of annual investments and expenses due to the complex hydrotechnical systems. Meteorologia hidrol gosp 8 no.1:7-20 '63.

[illegible], A.D., prof.; [illegible]

Late appearance [illegible] malous lymphatic. Pediatria (Bucur) 14 no.2:125-132 Mr-Ap'65.

1. Institutul [illegible] pediatrie "Dr.Ilie [illegible]", Bucuresti.

Stanculescu, P.

Problem of agricultural amelioration in the Danube River delta. p. 303.

HIDROBIOLOGIA. (Academia Republicii Populare Romine. Comisie de Hidrologie, hidrobiologie si Ihitologie) Bucuresti, Rumania. Vol. 1, 1958.

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Uncl.

[illegible] Vol IX, No 4, Sep-Oct 1961, pp 327-331.

[illegible] Free Arsenoid Content in Meat Products Contami-
[illegible] and B. Gill."

[illegible]

[illegible]

STANESCU, V. GALEA - continued RUMANIA

Chemist

Department of Toxicology of the Institute for Medicine and Pharmacy in Cluj, Cluj Raiuno (Catedra de Toxicologie a Institutului de Medicina si Farmacie din Cluj).

Bucharest, Farmacia, Revista a Uniunii Societatilor de Stiinte Medicale din RPR, No 10, Vol X, Oct 62, pp 625-630.

"Chromatographic Data Concerning Novocaine."

STANESCU, V., Chemist, Department of Toxicology of the Institute for Medicine and Pharmacy, Cluj.

PREDA, N.
GALEA, V.

2 of 2

STANCZ, V.

Current equipment used in the Soviet Union for shaft boring. p. 569.

BANYASZATI, LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary, Vol. 14, no. 9, Sept. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959, Uncl.

STANCZ, V.

New world record of shaft sinking. p. 525.

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary, Vol. 14, no. 8, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959, Uncl.

STANCZ, Viktor, okl. banyamernok

Criticism of some shaft sinking methods and description of some of the processes. Bany lap 94 no.12:811-817 D '61.

1. Banyaszati Aknamelyito Troszt, Budapest.

STANCZ, Viktor, okl. banyamernok

Modern shaft sinking. (To be contd). Bany lap 95 no.4:221-230 Ap '62.

1. Banyaszati Aknamelyito Troszt, Budapest.

STANCZ, Viktor, okl. banyamernok

Up-to-date shaft sinking. Bany lap 95 no.5:289-296 My '62.

1. Banyaszati Aknamelyito Troszt, Budapest.

STANCZ, Viktor, okleveles banyamernok

Sinking of the southern winding shaft at Gyongyosvisonta by freezing. Bany lap 97 no.1:12-21 Ja'64.

1. Banyaszati Akademeluito Troszt, Budapest.

STANCZ, Viktor, okleveles banyamernok

Sinking of the southern hoisting shaft in Gyongosvisonta by freezing. Bany lap 97 no. 2:79-86 F '64.

1. Banyaszati Aknamelyito Troszt, Budapest.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652820009-8"

STANCZAK*BORATYNSKA, W.

STANCZAK-BORATYNSKA, W. Anatomic investigation of mycorrhiza of the exotic plants in the Pozan Palmery. p. 1.

Vol. 9, no. 1/9, 1954 (published 1956)
ANNALES. SECTIO C: BIOLOGIA.
SCIENCE
Lublin, Poland

So: East European Accession, vol. 6, no. 2, Feb. 1957

STAŃCZUK, T.

5

Polarographic investigation of solutions of the orthophosphoric acid. Wiktor Kemula and Teresa Stańczuk (Univ. Warsaw). *Roczniki Chem.* 28, 158-[illegible] (English summary).—Investigation of solns. of pure H_3PO_4 and of its buffers with LiOH showed the existence of 2 polarographic reduction waves. The addn. of a neutral electrolyte lowered wave I and increased wave II. Wave I was attributed to the reduction of H^+, and wave II to that of $H_2PO_4^-$.

M. Falk

Country : Poland F
Category :

Abs. Jour : 45685

Author : Gajzler, R., Piekarska, Z., and Stanczuk-Rozycka, T.
Institut. : Not given
Title : Use of an Absorption Meter and of a Polarograph for the Automatic Recording of the Results Obtained from Electrophoresis on Paper
Orig Pub. : Chem Analit, 3, No 2, 159-161 (1958)

Abstract : The authors have used a combination of a Hilger absorption meter and a Radiometer Co. polarograph for the automatic recording of the results obtained during electrophoresis in the course of clinical analyses on blood serum. The photometric determination is made with the absorption meter; the current generated in the photocell passes through the galvanometer and thence directly to the electrodes of the polarograph. The curves are recorded at the maximum sensitivity of the apparatus.

Card: 1/2

STANCZUK-ROCZYCKA, T.; WIECZFFINSKI, K.

Preparation of arsenious phosphate $AsPO_4$. p. 493

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

STANCZUK-ROZYCKA, Teresa; SZYMONOWICZ, Norbert

Remarks on the technique of the Brdicka reaction. Chem anal 6 no.5: 879-881 '61.

1. Department of Inorganic Chemistry, Politechnical College, Warsaw.

SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation: Clinical Laboratory(Pracownia Kliniczna), Second Central Clinical Hospital (2 Centralny Szpital Kliniczny), Military School of Medicine (WAM--Wojskowa Akademia Medyczna), Warsaw.

Source: Warsaw, Lekarz Wojskowy, Vol 36, No 5, 1961, pp. 433-438.

Data: "On Model Conditions for the Brdicki Reaction."

Authors:
STANCZUK-ROZYCKA, Teresa, Magister
SYMONOWICZ, Norbert, Lekarz [Military rank: Major]

GPO 981643

STAŃCZYK, H.

"Eksploatacja palenisk pyłowych" (Exploitation of dust grates), by H. Stańczyk. Reported in New Books (Nowe Ksiazki), No. 14, July 15, 1955

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[illegible] in electric-power plants [illegible] electric [illegible]. [illegible] 107.
([illegible] Vol. 10, no. 8, [illegible]/Apr. 1965, Warszawa, Poland)

[illegible] : [illegible] Moroz[illegible] [illegible] (B.I.) [illegible]. Vol. [illegible], no. 1[illegible], [illegible] 1967,
Pol.

STANCZYK, Hugon, mgr inz.

The problem of protecting the atmosphere from pollution by industrial plants. (To be contd.) Energetyka Pol 14 no.4:105-108 Ap '60.
(EEAI 9:10)

(Air)

STANCZYK, Hugon, mgr inz.

Characteristics and developmental conditions of industrial power plants. Pt.1. (To be contd.). Energetyka Pol 15 no.2:45-49 F '61. (EEAI 10:5)

(Power plants)

WOJEWSKI, Alfons; STANCZYK, Jerzy

On the problem of epithelial metaplasia and cancerous foci of the prostate. Roczn. pom. akad. med. Swierczewski. 8:115-126 '62.

1. Z Zakladu Anatomii Patologicznej Pomorskiej Akademii Medycznej Kierownik: prof. dr K. Stojalowski i z Kliniki Urologicznej Pomorskiej Akademii Medycznej Kierownik: doc. dr A. Wojewski.
(PROSTATIC NEOPLASMS) (PROSTATIC HYPERTROPHY)

STARZYK, [illegible]

Contribution to cardiac arteriosus pathology. Pediat. pol. 39 no.4:719-720 Je '64.

1. Z Zakladu Anatomii Patologicznej Pomorskiej Akademii Medycznej w Szczecinie (Kierownik: prof. dr K. Stojalowski) i z Miejskiego Szpitala Dziecinnego w Gorzowie Wielkopolskim (Dyrektor: lek. med. K. Szynkiewicz).

STANCZYK, R.

POL.

Isolation of the poliomyelitis virus in the epidemic of 1951-52. F. Przesmycki, K. Dąkowska-Kenczewa, R. Stańczyk, R. Sembkow, and S. Taytsch (*Bull. Acad. Polon. Sci.*, 1954, 2:47-50).—A description of the isolation technique is given, together with the anatomical and histopathological changes following infection of monkeys.

B. VIN A

STANCZYK, Regina

PRZESMYCKI, Feliks; SOBROWOLSKA, Halina; FELTYNOWSKI, Antoni; STANCZYK, Regina; WALKOWSKA, Elzbieta; ZYCH, Zofia; (techniczny wspolydzial) CIEPINSKA, Swietlana; ZGORZELSKA, Krystyna

Laboratory characteristics of the epidemic of influenza in 1953. Med. dosw. mikrob. 6 no.3:241-251 1954.

1. Z Oddzialu Wirusologii Panstwowego Zakladu Higieny. Kierownik: prof. dr.F. Przesmycki.
(INFLUENZA, epidemiology,
Poland, statist. analysis)

BURACZEWSKA, Maria; FRUHAUFOWA, Jadwiga; STANCZYK[redacted]A, Regina

Investigations on the presence of Mycobacterium tuberculosis in cerebrospinal fluid of tuberculous children. Gruzlica 24 no.2:107-112 Feb 56.

1. Z Kliniki Chorob Zakaznych Wieku Dziecicego--Kierownik: prof. dr. med. J. Bogdanowicz. Z Zakladu Mikrobiologii Instytutu Gruzlicy--Kierownik: doc. dr. M. Buraczewska. Z Zakladu Anatomii Patologicznej A.M.--Kierownik: prof. dr. med. L. Paszkiewics, Warszawa, Plocka 26.

(TUBERCULOSIS, in inf. and child.
isolation of M. tuberc. in CSF)
(CEREBROSPINAL FLUID, bacteriol.
M. tuberc. isolation in tuberc. in child)
(MYCOBACTERIUM TUBERCULOSIS
in CSF, isolation in tuberc. in child)

PRZESMYCKI, Feliks; DOBROWOLSKA, Halina; OLAKOWSKI, Tadeusz; STANCZYK, Regina; NARUSZEWICZ, Danuta

Vaccination in Poland with a live attenuated vaccine against poliomyelitis. Med.dosw.mikrob. 12 no.1:1-14 '60.

1. Z Zakladu Zirusologii P.Z.H.
(POLIOMYELITIS immunol.)
(VACCINES)

PRZESMYCKI, Feliks; DOBROWOLSKA, Halina; MIRSKI, Bronislaw; STANCZYK, Regina; WIOR, Halina; ZALESKA, Helena

Evaluation of oral poliomyelitis vaccines prepared from Koprowski's strains CHAT (type 1) and Fox (type 3). I. Evaluation of the inoculation activity according to virological and serological studies. Przegl. epidem. 15 no.3:213-232 '61.

1. Z Zakladu Wirusologii PZH w Warszawie Kierownik: prof. dr F.Przesmycki.
(POLIOMYELITIS immunol) (VACCINATION)

POLAND

DOBROWOLSKA, Halina; and STANCZYK, Regina, Department of Virology of the National Institute of Hygiene in Warsaw (Zakład Wirusologii PZh) Head (Kierownik) Docent Dr. M. KANTOCH

"Studies on Strains of Poliomyelitis Virus Isolated in Poland During the 1959-1965 Period. Interdependence Between Genetic Markers of Strains and their Antigenic Structure and Neuropathological Properties"

Warsaw, Medycyna Doswiadczalna Mikrobiologia, Vol 18, No 4, 1966; p. 385-395

Abstract [English summary modified]: Testing of 5 strains of type 1 poliomyelitis wild virus, isolated from patients, and of 2 strains of attenuated CHAT virus or d, T markers, antigenic properties and neuropathological properties in monkeys; and also of 5 type 2 strains and 2 control strains from oral attenuated virus P 712 Ch 2 ab Sabin indicated that presence of antigenic markers and neuropathological properties for monkeys was not a reliable correlation. 2 tables, 8 Western references.

25995

P/029/60/000/011/002/002
A076/A126

24,3300

AUTHOR: Stańczyk, Zbigniew, Master of Engineering

TITLE: The new Wild T1A theodolite

PERIODICAL: Przegląd Geodezyjny, no. 11, 1960, 407 - 408

TEXT: The article describes the T1A theodolite produced by Messrs. Wild. A glass vessel partly filled with liquid and called compensator is placed in the path of light rays in the vertical circle of microscope. The compensator is placed in such a way that light rays from the vertical circle pass through the liquid. If the instrument is in a level position, the flat bottom and the surface of the liquid are level and light rays are not bent. If the theodolite is tilted, the liquid surface is level but the flat bottom is tilted in relation to the liquid surface by an angle. Thus the liquid creates a small-angle prism bending light rays by the same angle. The compensator angle may create an optional angle in relation to the vertical. The inclination component in the vertical plane causes a shift in the image of lines of the vertical circle resulting in a change of the reading on the vertical circle. The transversal-component increasing or decreasing lines do not influence the reading. The liquid bending coefficient

Card 1/2

P/029/60/000/011/002/002
A076/A126

The new Wild T1A theodolite

changes due to the surrounding temperature. Thus, if the temperature increases by 1°C the magnitude of liquid bending coefficient m-1 decreases by 1‰. The biggest advantage of this type of theodolite is the total lack of mechanical errors due to moving parts. There are 4 figures.

Card 2/2

CIESLAK, Jozef; STANCZYK, Zbigniew

Testing the division of precise circles of theodolites by an electromechanic attachment. Geod i kart 9 no.1:56-64 '60.

STANCZYK, Zbigniew, dr inz.

The Stereomat. Przegl geod 36 no. 4:151-152 Ap '64.

STANCZYKIEWICZ F.

The technology of hydrobromic acids and their use as rocket fuel. p. 165

WIADOMOSCI NAFTOWE (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemysiu Naftowego i Związku Zawodowego Gornikow Naftowcow)
Krosno, Poland
Vol. 5, no.7/8, July/August 1959

Monthly list of East European Accession Index (EEAI), LC Vol. 8, No. 11
November 1959
Uncl.

STANCZYKIEWICZ, Feliks

The problem of corrosion and anticorrosion of Polish structural material in the light of the Conference on Anticorrosion of the Polish Academy of Sciences. Wiad naft 6 no.4:83-86 Ap '60. (EEAI 9:7)
(Polish Academy of Sciences)
(Corrosion and anticorrosives)

STANCZYKIEWICZ, Feliks

Chemoresistant ceramic and synthetic materials from the point of view of their use in the petroleum industry. Wiad naft 6 no.5: 103-105 My '60. (EEAI 9:10)

(Petroleum)
(Ceramics)
(Synthetic products)

STANCZYKIEWICZ, Feliks

The opening of the industrial production of the anticorrosive inhibitor T terpene. Wiad naft 6 no.7/8:161-163 Jl-Ag '60. (EEAI 9:11)
(Terpenes)
(Corrosion and anticorrosives)

STANCZYKIEWICZ, Feliks

New method of extracting mercoptans form gasoline and petroleum fractions boiled in higher temperatures. Wiad naft 6 no.11:256-259 N '60. (EEAI 10:2)
(Thiols) (Gasoline) (Petroleum)

STANCZYKIEWICZ, F.

The processing of crude oil and the possibilities of the development of petrochemistry in Rumanian refineries. Wiad naft 7 no.5:101-104 My '61. (EEAI 10:9)

(Petroleum)

STANCZYKIEWICZ, Feliks

Sedimentation in the T type fuel, on filters of jet planes. Wiad naft 7 no.12:270-273 '61.

STANCZYKIEWICZ, Feliks

Basic types of industrial installations for the diaromatization of petroleum products by methods of adsorptive separation. Wiad naft 8 no.6:132-135 Je '62.

STANCZYKIEWICZ, Feliks.

Application of the carbamide separation method in the eduction of oxygen compounds of straight-chain structure. Wiad naft 8 no.10:228-232 O '62.

STANCZYKIEWICZ, F.

Extracting aromatic hydrocarbons by using aqueous solution of pyridine. Wiad naft 9 no.11:246-250 N'63.

Stanczykowa, R.

BIELICKA, I.; STANCZYKOWA, R.

Fibrosis of the pancreas and bronchiectasis in premature infants. Pediat.polska 24 no.1-2:82-89 Ja-F '50. (CLML 19:3)

1. Of the First Clinic of Children's Diseases at Warsaw University (Director -- Prof. M.Michalowicz, M.D.) and of the Institute of Pathological Anatomy of Warsaw University (Director -- Prof. L.Paszkiewicz, M.D.).

STANCZYKOWSKA, A.

The distribution and quantitive dynamics of Viviparus fasciatus Mull. In the Konfederatka, formerly a part of the Vistula River. p. 55.

EKOLOGIA POLSKA. SERIA B. (Polska Akademia Nauk. Komitet Ekologicnzy) Warszawa, Poland. Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

[illegible]

[illegible] Institute of Zoology (Zaklad Zoologii), [illegible] -- Polish Academy of Sciences/

"[illegible] of [illegible] in the [illegible]"

Source: Bulletin de l'Academie Polonaise des Sciences: Serie des sciences biologiques, Vol. 11, No. [illegible]

Abstract: [English original] Report on the analysis of the [illegible] in the Masurian Lakes. The study was based on the number of rings and length of the [illegible]. Collecting procedure and [illegible] 1 table; [illegible] references, [illegible] Western.

[illegible]

STANCZYKOWSKA, A.

The appearance of Viviparus fasciatus Mull. aggregations as the cause of migration of other mollusk species. Bul Ac Pol biol 11 no.3:129-132 '63.

1. Institute of Ecology, Polish Academy of Sciences, Warsaw. Presented by E.Petrusewicz.

Standa, J.

POLAND/Chemical Technology. Chemical Products. Control Instruments. H-3
Automatic Control.

Abs Jour : Ref Zhur - Khimiya, 1958, No 22, 74286

Author : Standa J., Toisseyre M.
Inst : Not Given
Title : Calibration of Rotometers

Orig Pub : Pomiary, automat., kontrola, 1957, 3, No 11, 425-429

Abstract : Theory and basic equations involved in the calibration of rotometers (R) are presented. It is shown that the accuracy of measurements with R is attainable only when instruments are calibrated specifically for the conditions at which they actually operate. Changes in operating conditions (temperature, pressure, viscosity, and Re values) cause changes in α. The relation of $\alpha = f(Re)$ for R's having different types of floats is presented in a number of graphs and in the nomogram. Description and schematic diagrams of the basic calibration systems of R, operating on gaseous mixtures are also presented. They include the use of measuring gasholders,

1/2

Card : 2/2

STANDA, J.; TEISSEYRE, M.

Measurement of the flow intensity of gas with a flow rheometer. p. 85.

POMIARY, AUTOMATYKA, KONTROLA. (Naczelna Organizacja Techniczna) Warszawa, Poland. Vol. 5, no. 3, Mar. 1959.

Monthly list of East European Accession (EEAL) LC, Vol. 8, no. 7, July 1959

Uncl.

STANDA, Jerzy, dr inz.

Measurement of the acceleration of fluid flow on the basis of the American rules of the "ASME Power Test Codes." Pomiary 8 no.9:417-421 S '62.

1. Katedra Pomiarow Maszynowych, Politechnika, Wroclaw.

STANDA, Jerzy, dr. inz., adiunkt

Possibilities of using orifice type reducing pipes in flow measurements through rectangular-cross-section pipelines. Mechanika Wroclaw no.9:59-91 '63.

1. Department of Machine Measurements of the Technical University, Wroclaw.

Hydrazine [illegible] 2. Studying steady-state heat [illegible]. p. 637 (Collection of Czechoslovak Chemical Communication, Praha. Vol. 19, no. 4, Aug. 1954

SO: [illegible] American, (USAL), LC, Vol. 4, No. 4, [illegible], 1955.

STANDART, GEORGE

3

CZECH

Effect of association on liquid-vapor equilibria. I. Equilibrium relations for systems involving an associating component. Jan Marek and George Standart. *Collection Czechoslov. Chem. Communs.* 19, 1074-84(1954)(in English) —See *C.A.* 49, 687b. E. J. C.

STANDART, GEORGE

(4)

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Hydraulic analog for studying steady-state heat exchangers. George Standart (Vysoká škola chem., Prague, Czech.). *Chem. Listy* 48, 633-47(1954).—The hydraulic analog of Juhasz and Hooper (*C.A.* 47, 9067a), which is valid only for parallel flow, is extended to cover the counter flow and multipass types of heat exchangers. This extension is achieved by the use of floating tubes in addn. to stationary tubes, which were employed by J. and H. Here also the effects of variations of specific heats and overall coeffs. of heat transfer, of heat loss to the surroundings, and of phase change are handled without difficulty. In addn., cases involving more than 2 fluid streams and combinations of heat exchangers can be analyzed. E. Erdös

12/16/54

Standart, George

Effect of association on liquid-vapor equilibria. I. Equilibrium relations for systems involving an associating component. Jan Marek and George Standart (Vysoká škola chem., Prague, Czech.). *Chem. Listy* 48, 1114-22 (1954).—The thermodynamically consistent equil. relations for multicomponent systems are derived; the assocn. factors involved in these relations are generally functions of the temp., pressure, and compn. The relations can be used for correlating the data of systems contg. an associating component the assocn. const. of which in the pure gaseous phase is known. K. Ertlés

STANDART, GEORGE

K

CZECH

The theory of adiabatic batch driers. George Standart (Vysoká škola chem., Prague). *Chem.* [redacted] (1954).—From the known theory of adiabatic drying of porous or cryst. solids, equations are derived for adiabatic batch driers with recycling of air. The solution of these equations is given for the most important cases. The results can be applied to the detn. of the drying characteristics of the given material in a lab. drier as well as to the design of com. driers. E. Erdös

STANDART, G.

Theory of adiabatic batch driers. In English. p. 82

Vol. 20, no. 1, Feb. 1955
SBORNIK CHEKHOSLOVATSKIKH KHIMICHESKIKH RABOT
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

STANDART, G. L.

Design equations for continuous stirred-tank reactors. Geo. L. Standart (Inst. Chem. Tech., Prague, Czech.). ~~Ind. Eng. Chem.~~ 48, 1228-30(1956).—The entire class of h reactor problems, comprising 4 cases, is treated rather than only 1 discussed by Acton and Lapidus (*C.A.* 49, 9972*h*). The no. of parameters is decreased from 3 to 2 by an appropriate substitution.

Robert J. Roth

STANDART, G.

"E. Hala and others' Rovnovaha kapalinapare (Vapor-Liquid Equilibrium); a book review. In English."

p. 1076 (Collection of Czechoslovak Chemical Communications. Sbornik Chekhoslovatskikh Khimicheskikh Rabot.) Vol. 22, no. 3, June 1957. Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

STANDART GEORGE

[illegible]

[illegible]

[illegible] given for the [illegible] of a hydraulic analog of a countercurrent heat [illegible]
The construction and properties of a capillary with [illegible]

[illegible] tube length and its calibration are described. Two [illegible] tions for const. and variable heat-transfer coeffs. are given.

E. Erdös

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STANDART, GEORGE

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Processes and Apparatus of Chemical Technology. H

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64669

Author : Standart George
Inst : -
Title : Theory of Analogy

Orig Pub: Chem. listy, 1957, 51, No 11, 1971-1985

Abstract: A detailed analysis of the methods of transformation of differential equations was developed (theory of dimensions and the theory of similarity). A new method is proposed (the method of analogy) which permits the interchange of differ-

Card 1/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Chemical Engineering. H-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1510.

Author : Stepanek, J., Standart, G.
Inst : Not given.
Title : Heat Transfer in the Condensation of the Vapor Mixture of Immiscible Liquids.

Orig Pub: Chem listy, 1957, 51, No 12, 2163-2178; Collect. czehosl. Chem. commun., 1958, 23, No 6, 995-1012.

Abstract: The condensation of a mixture of water vapor with vapors of benzene, toluene, chloroform and dichloroethane, with the formation of a two-phase condensate in a horizontal laboratory condenser one meter high has been investigated. The given equation is:

Card 1/3

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Chemical Engineering. H-2

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 1510.

Abstract: $\alpha = 0.725\ (R \lambda_2^3 \gamma_2^2)^{\frac{1}{4}}\ (\mu \Delta t a)^{-\frac{1}{4}} \cdot K_1\ (1 + K_2 \Delta t)$,

where the correction coefficients are

$K_1 = \{1 - 4.38 \cdot [(1-a)a]^{0.033}\ (\gamma_2/\gamma_1)^{0.62} \times (\Delta\gamma/\gamma_1)^{3.2}\}^{\frac{1}{4}}$ and

$K_2 = 0.0584\ [a(1-a)] \cdot (\lambda_2/\lambda_1)^{0.5}\ (\gamma_1/\gamma_2)^{\frac{1}{4}}\ (\Delta\gamma/\gamma_1)^{1.6}$, where R is the heat of condensation to the mixture (per unit weight of organic liquid) in kilocalories/kilogram; λ is the heat conductivity of water in kilocalories per meter degree; λ_2 is the heat conductivity of an organic

Card 2/3

Country : Czechoslovakia B-
Category : Physical Chemistry--Thermodynamics. Thermochemistry. Equilibria. Physicochemical analysis. Phase *
Abs. Jour : Referat Zhur--Khim., No 13, 1959, 45022

Author : Standart, G. and Cihla, Z.
Institut. : ~~Not given~~
Title : Interphase Transport Processes. I. Schrage's Theories (Standart and Cihla). II. General Discontinuous Model of a Pure Gas (Cihla). III.**
Orig Pub. : Collection Czechoslov Chem Commun, 23, No 9, 1608-1613, 1619-1627, 1628-1637 (1958)
Abstract : See RZhKhim., No 7, 1959, 22456.

*transitions.

**Continuous Model of a Mixture of Ideal Gases (Standart and Cihla).

Card: 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Chemical Engineering. H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23594

Author : Standart, G.
Inst : -
Title : Pipe Layouts Based on the Relay Contour Theory.

Orig Pub : Chem. listy, 1958, 52, No 5, 773-786

Abstract : It is stated that in the layout of new piping systems which have closing devices and also for the control of operation of the existing piping systems, the analogy of the relay technique may be utilized. On the basis of this anology a design method for pi-

Card : 1/2

H-1

Interphase transport processes. I. Schrage's theories. George Standart and Zdeněk Cihla (Vysoká škola chem.-technol., Prague). *Chem. listy* 52, 787–96(1958).—A discussion of the simple and of the modified Schrage's theories (cf. *C.A.* 47, 9068*a*), in which the transport properties of a one-component heterogeneous gas-liquid (solid) system are studied on the basis of the kinetic theory of the ideal gas. II. **General discontinuous model of a pure gas.** Zdeněk Cihla. *Ibid.* 797–805.—A one-component gas-liquid (solid) system is studied on the basis of generalized assumptions concerning the distribution function of the gas at the phase interface. The results are specialized for the case of a continuous model of the pure gas. Both of Schrage's theories appear as special cases from the generalized model. III. **Continuous model of a mixture of ideal gases.** George Standart and Zdeněk Cihla. *Ibid.* 806–14.—A multicomponent heterogeneous gas-liquid (solid) system is considered by using the methods of the kinetic theory of gases. The assumed distribution function on the phase interface is taken with a precision up to the 1st perturbation function. Therefrom the expressions for the mass flows and for the flows of momentum and of energy through the phase interface are derived. Schrage's theory of multicomponent systems is mentioned too. IV. **Application of the thermodynamics of irreversible processes.** George Standart. *Ibid.* 815–29.—The methods of thermodynamics of irreversible processes are applied to the interphase transport phenomena with discontinuities across the phase boundary; the rate equations are derived for the mass flows of individual components and for the flow of momentum and of energy of the mixt., expressed by these discontinuities. These equations are then specialized: they lead to all hitherto known relations (the tangential slip and the temp. jump) and permit comparison with the Schrage theories. Furthermore they lead to new results for the diffusion, etc.

E. Erdős

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Chemical Engineering. H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23618

Author : Prochazka, J., Landau, J., Standart, G.

Inst : -

Title : Utilization of the Hydraulics Analogy in the Study of Heat Exchangers. III. Universal Analogue.

Orig Pub : Chem. listy, 1958, 52, No 5, 830-838

Abstract : Described is the construction of a hydraulic analogue, that permits study of heat exchangers having parallel and counter-flows, multipass heat exchangers of various types, heat exchangers that handle 3 or more different heat exchange media simultaneously, and also

Card : 1/2

H-3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Chemical Engineering. H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23642

Author : Vanecek, V., Standart, G.
Inst : -
Title : Rectifying Action of Dephlegmators.

Orig Pub : Chem. listy, 1958, 52, No 5, 859-863

Abstract : Investigations were conducted on a vapor mixture of two liquids miscible in all proportions (methanol-water, ethanol-water, acetone-water) in a countercurrent dephlegmator consisting of a vertical tube. Experiments were carried out at varying vapor velocities and also varying

Card : 1/2

H - 5

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Distr: 4E3c 2 cys/4E2b(v)

Hydraulic analog for studying steady-state heat exchangers. J. Procházka, J. Landau, and G. Standart (Inst. Chem. Tech., Prague). *Brit. Chem. Eng.* 5, 249-7 (1960).—Hydraulic analogs are described for counter- and mixed-flow steady-state heat exchangers, illustrated by 2 examples, 1 being a 3-stream low-temp. unit. M. F. Roel

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STANDART, George

Theory of chemical production processes and the modeling of chemical equipment. Chem prum 12 no.2:57-59 F '62.

1. Ustav teoretickych zakladu chemicke techniky, Ceskoslovenska akademie ved, Praha.

STANDART, G.

"Systems engineering for the process industries" by T.J. Williams. Reviewed by G. Standart. Coll Cz Chem 28 no.4:1089-1090 Ap '63.

STANDART, G.

"Advances in chemical engineering" by T.B. Drew, J.W. Hoopes Jr., T. Vermeulen. Vol.3. Reviewed by G. Standart. Chem listy 57 no.6:650-651 Je '63.

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STANDART, G; RYLEK, M

1. Department of Chemical Engineering, Institute of Chemical Technology, Prague (for Standart); 2. Institute of Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague-Suchdol - (for Rylek)

Prague, Collection of Czechoslovak Chemical Communications, No 5, May 1966, pp 2159-2166

"Studies on distillation. Part 7: Rate of dissipation of energy in the foam layer on a plate."

CZECHOSLOVAKIA

STEINER, L; STANDART, G

Institute of Chemical Process Fundamentals, Czechoslovak Academy of Sciences, Prague-Suchdol - (for both; Standart now wholly at Department of Chemical Engineering, Institute of Chemical Technology, Prague)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1967, 101-116

"Studies on distillation. Part 16: Pressure drops across plates without downcomers."

STANDE, Tadeusz

Railroads with airplane speed. Przegl techn 81 no.16-17 '60.

STANDEISCHI, B.

STANDEISCHI, B. Application of advanced methods with tubular crushers. p. 3.

Vol. 7 no. 289, July 1955
CONSTRUCTORUL
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

STANDEISCHI, B.

Installations for the treatment of water with scale removers. p. 2

CONSTRUCTORUL, Bucuresti, Vol 8, No. 320, Mar., 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956